PTO/SB/08a (09-08)
Approved for use through 10/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/593,710	
	NFORMATION DISC			Filing Date	September 21, 2006	
STATEMENT BY APPLICANT				First Named Inventor	Louise D. McCullough, et al	
				Art Unit	1632	
	(Use as many sheets as ne	cessa	ry)	Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	P71492US/37049.00070	

	U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No.1	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US- 2005/092068	10-06-2005	McCullough et al.			
		US- 6,423,705	01-17-2002	Tracey et al.			
		US- 5,981,575	11-09-1999	Kuhajda et al.			
		US- 2002/0099075	07-25-2002	Tracey et al.			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ Number ⁶ Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO 2001/023399	04-05-2001	Pfizer Products, Inc et al		

Examiner	Date
Signature	Considered

EXAMNER: Initial if reference considered, whether or not citation is in conformance with MPEP 800. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation mumber (optional). See Kinds Code of conformance and the communication of the propriate and the communication of the propriate and the communication of the year of the region of the Emperor most proceedings. Whether the propriate and the process and cated on the document under WiPO Standard ST.18 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CPE 1.97 and 1.98. The information is required to obtain or retain a benefit by the public UNEPTO processor an application. Confidentiality is governed by 35 U.S. C. 12 and 37 CPE 1.14. This collection is estimated to take 2 hours to complete including gathering preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of the project registering complete this form and/or supposition for modularing this burden, should be sent to the City fellow for the amount of the registering to Commence, P.O. Box 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND FEES SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA.2231-1450, DO.NOT SEND TO: Commissioner

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known		
			Application Number	10/593,710	
l in	IFORMATION DISC	LOSURE	Filing Date	September 21, 2006	
S	TATEMENT BY AP	PLICANT	First Named Inventor	Louise D. McCullough, et al	
ľ	IAILMLIII DI AI	LIOAIII	Art Unit	1632	
	(Use as many sheets as ne	cessary)	Examiner Name	Not Yet Assigned	
Sheet	2	<<3>>>	Attorney Docket Number	P71492US/37049.00070	

NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials* No.1						
		KIM Y. K. et al., "Expression of FAS with Hypothalamic Neurons: a Model for Decreased Food Intake after C75 treatment," Endocrinol Metab. 283, E867-E879 (2002).				
		LEON J. et al., "Modulation of Rat Striatal Glutamatergic Response in Search for New Neuroprotective Agents: Evaluation of Melatonin and Some Kynurenine Derivatives," <i>Brain Research Bulletin</i> , 45, 525-530 (2003).				
		SHENG R. et al., "EDIT, a Tetrahydroacridine Derivative Inhibits Cerebral Ischemia and Protects Rat Cortical Neurons Against Glutamate-Induced Cytotoxicity," <i>Acta Pharmacol Sin</i> 24(5) 390-393 (May 2003).				
		CARLING, D., "The AMP-Activated Protein Kinase Cascade – a Unifying System for Energy Control," Trends in Biochemical Sciences, 29(1) 18-24 (January 2004).				
		WITTERS, L., et al., "Insulin Activation of Acetyle-CoA Carboxylase Accompaned by Inhibition of the 5'-AMP-Activated Protein Kinase," The J. of Biol. Chem., 267(5), 2864-2867 (February 1992).				
		ZHIHONG, H., et al., "Effects of Cerebral Ischemia in Mice Deficient in Neuronal Nitric Oxide Synthase," Science 265, 1883-1885 (September 1994).				
		ELIASSON, M. et al. "Poly(ADP-ribose) Polymerase Gene Disruption Renders Mice Resistant to Cerebral Ischemia," <i>Nature Medicine</i> 3(10) 1089-1095 (October 1997).				
		HAWLEY, S. et al., "Characterization of the AMP-activated Protein Kinase Kinase from Rat Liver and Identification of Theronine 172 as the Major Site at Which it Phosphorylates AMP-activated Protein Kinase," J. of Biol. Chem. 21(44), 27879-27887 (November 1996).				
		HARDIE, D. G. et al., "AMP-Activated Protein Kinase: an Ultrasensitive system for Monitoring Cellular Energy Charge," Biochem J. 338, 717-722 (1999).				
		MCCULLOUGH, L. et al., "Neuroprotective Function of the PGE ₂ EP2 Receptor in Cerebral Ischemia. J. of Neuroscience 24(1) 257-268 (January 2004).				

Signature			Considered	
*EXAMINER: I	Initial if reference considered,	whether or not citation is in conformance with MPEP 609.	Draw line through	citation if not in conformance and not

Date

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/593,710	
IN	IFORMATION DISC	LO	SURE	Filing Date	September 21, 2006	
	STATEMENT BY APPLICANT			First Named Inventor	Louise D. McCullough, et al	
-				Art Unit	1632	
(Use as many sheets as necessary)				Examiner Name	Not Yet Assigned	
Sheet	3	of	<3>>	Attorney Docket Number	P71492US/37049.00070	

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the term (book, magazine, journal, serial, symposium, catalog, dec.), date, page(s), volume-issue number(s), publisher, city and/or country where publisher.	T²					
		MCCULLOUGH, L. et al. "Postischemic Estrogen Reduces Hypoperfusion and Secondary Ischemia After Experimental Stroke" Stroke 32, 796-802 (2001).						
		ZHOU. et al., "Role of AMP-activated Protein Kinase in Mechanism of Metformin Action," J. of Clinical Investigation 108(8) 1167-1174 (October 2001).						
		CORTON, et al., "5-A Minoimidazole-4-Carboxamide Ribonucleoside A Specific Method for Activating AMP-Activated Protein Kinase in Intact Cells?" Eur J. Biochem. 229, 558-565 (1995).						
		ALMEIDA, A. et al. "Nitric Oxide Switches On Glycolysis Through The AMP Protein Kinase And 6-Phosphofructo-2-Kinase Pathway," Nature Cell Bio. 6, 45-51 (January 2004).						

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.	Draw line through citation if not in conformance and not

Date

Considered

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner

Signature

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.